

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030308.D
 Acq On : 29 Jul 2022 17:19
 Operator : JC/MD
 Sample : N3861-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

Quant Time: Aug 01 05:16:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

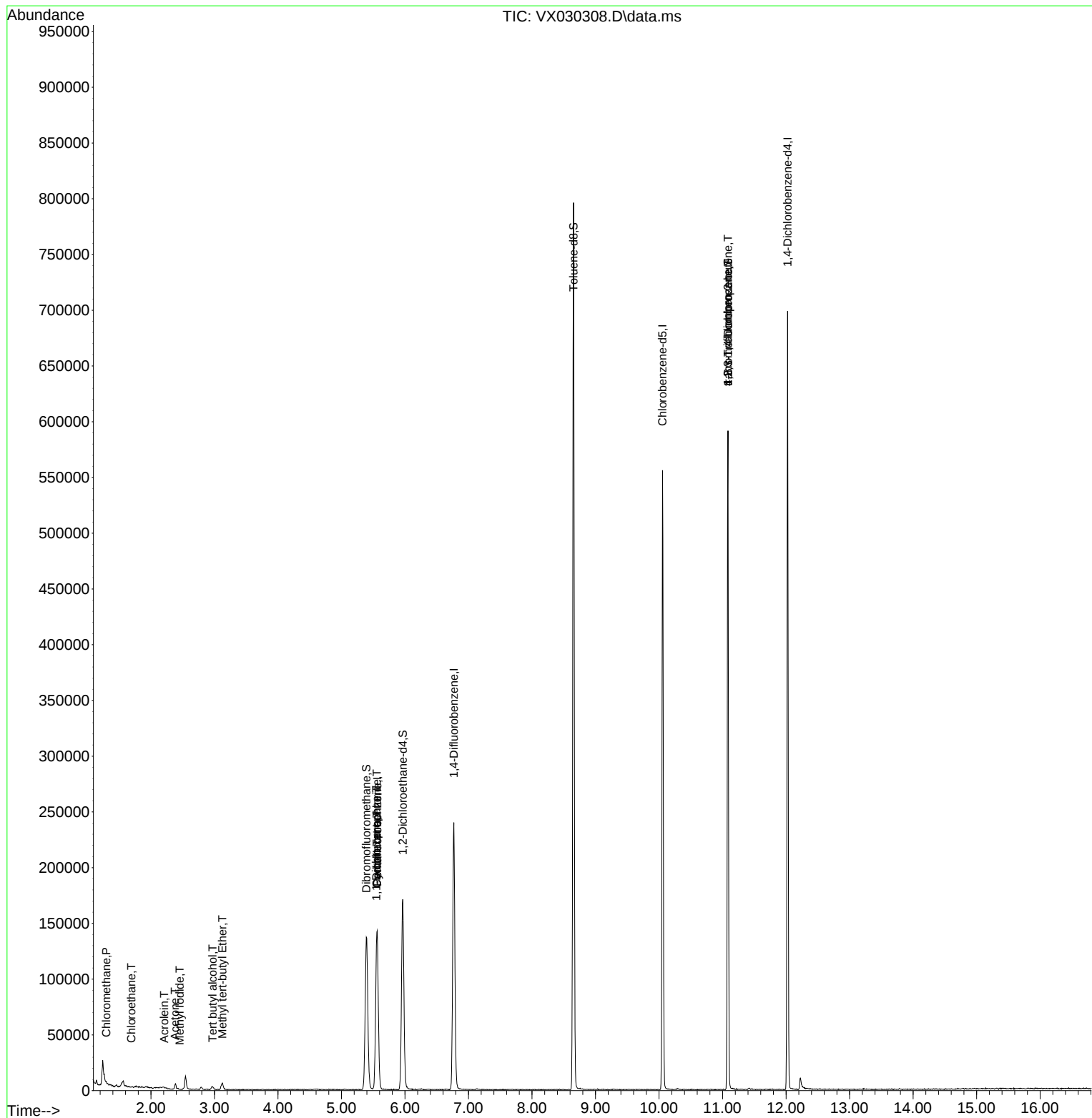
Internal Standards						
1) Pentafluorobenzene	5.562	168	135768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158991	58.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.520%	
35) Dibromofluoromethane	5.391	113	123626	53.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.840%	
50) Toluene-d8	8.653	98	458632	51.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	11.085	95	159290	47.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	535	0.243	ug/l #	75
5) Bromomethane	1.605	94	460	Below Cal	#	62
6) Chloroethane	1.691	64	304	0.238	ug/l #	41
10) Methyl Iodide	2.453	142	188	1.611	ug/l #	45
11) Tert butyl alcohol	2.971	59	3086	4.636	ug/l #	90
13) Acrolein	2.209	56	59	0.361	ug/l #	76
16) Acetone	2.380	43	4940	3.536	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	6072	0.836	ug/l	99
20) Methylene Chloride	2.794	84	915	Below Cal	#	66
31) Cyclohexane	5.556	56	3058	0.772	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11280	3.387	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14029	4.512	ug/l #	18
67) Ethyl Benzene	10.208	91	109	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	80568	22.967	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80568	68.901	ug/l #	13

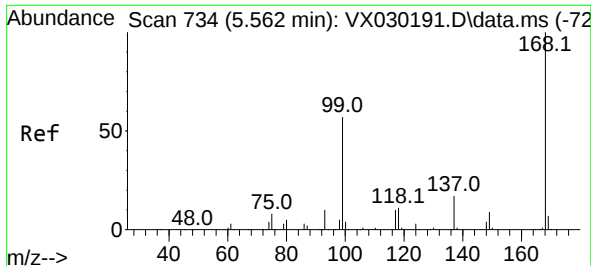
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

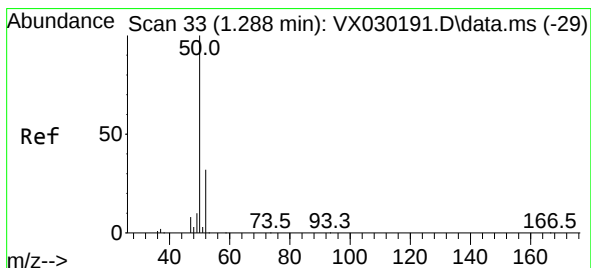
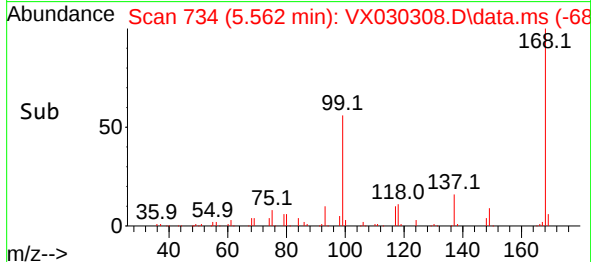
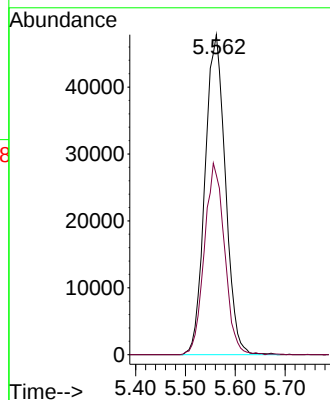
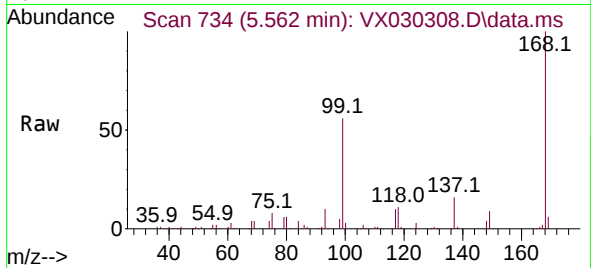




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

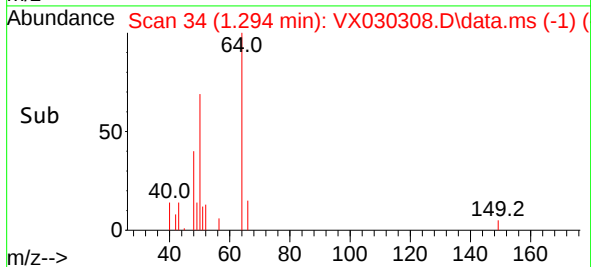
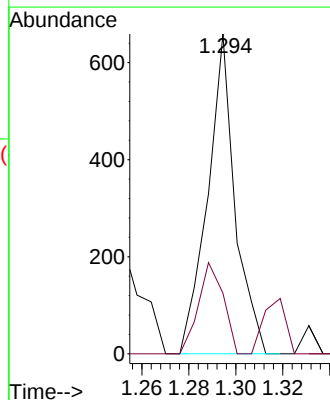
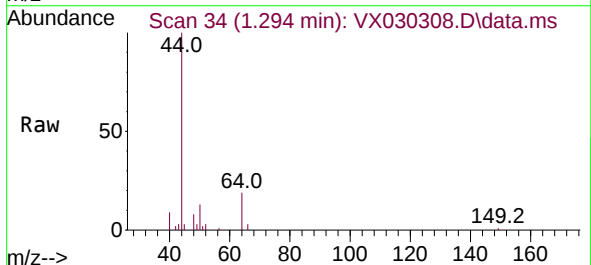
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

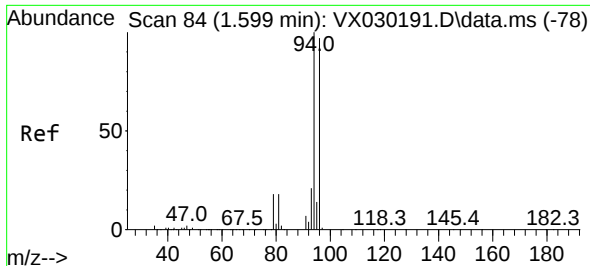
Tgt Ion:168 Resp: 135768
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 19.0 26.3 39.5#

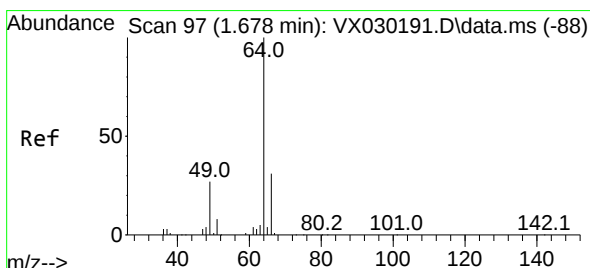
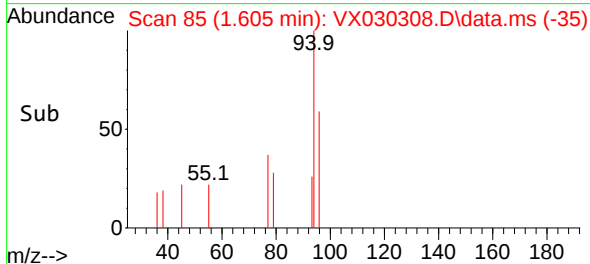
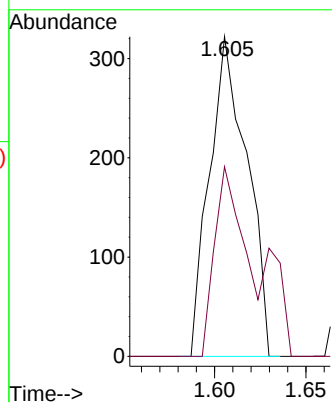
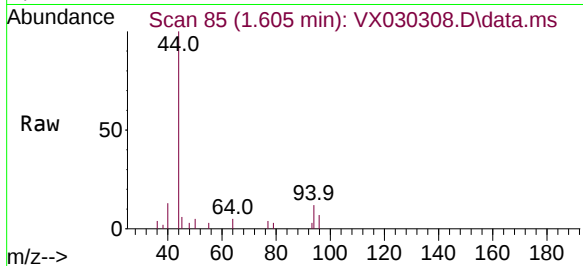




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

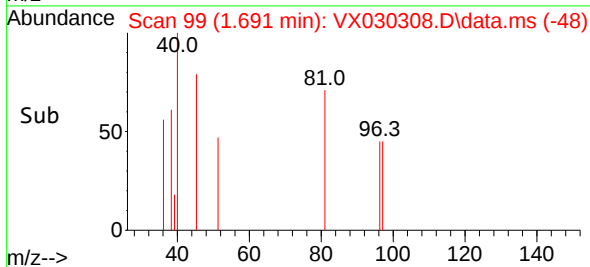
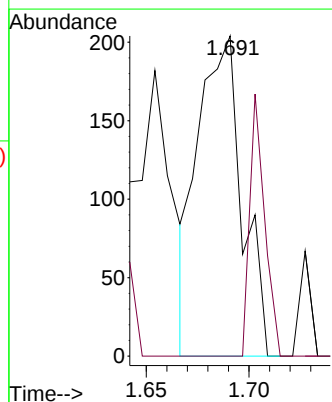
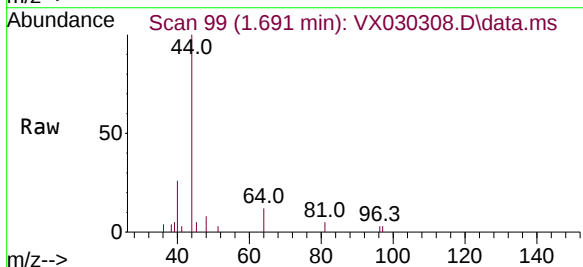
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

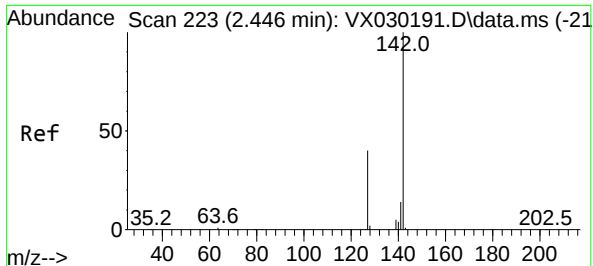
Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 59.3 76.9 115.3#



#6
Chloroethane
Concen: 0.238 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

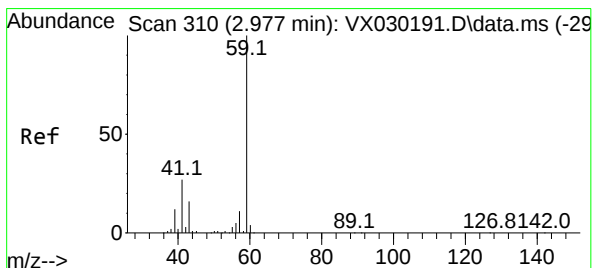
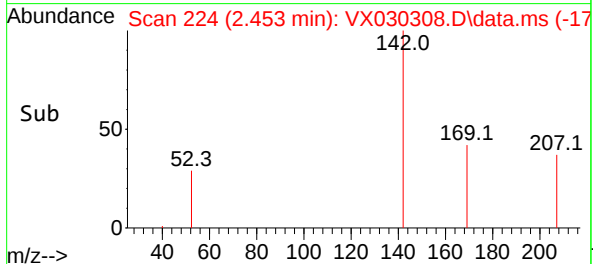
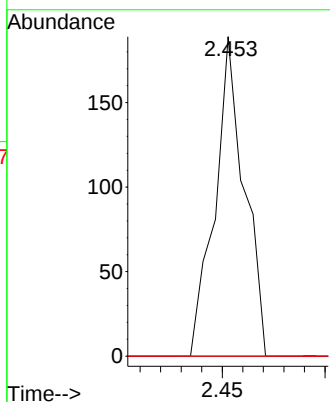
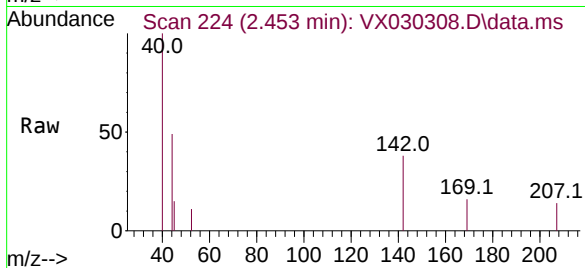




#10
Methyl Iodide
Concen: 1.611 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

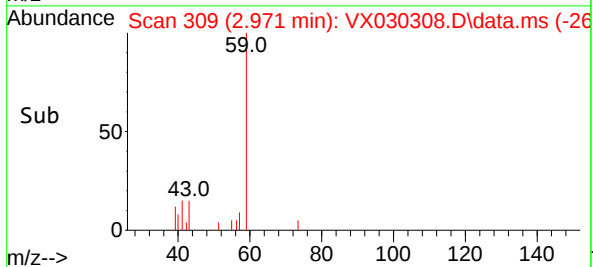
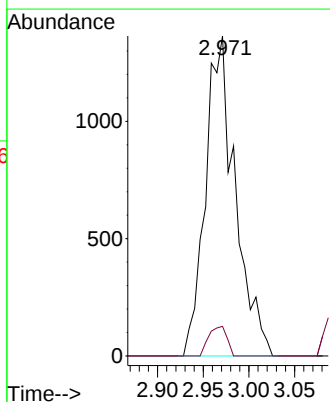
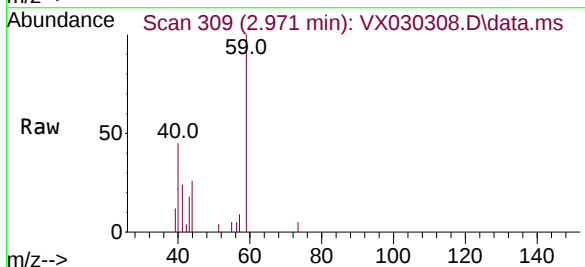
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

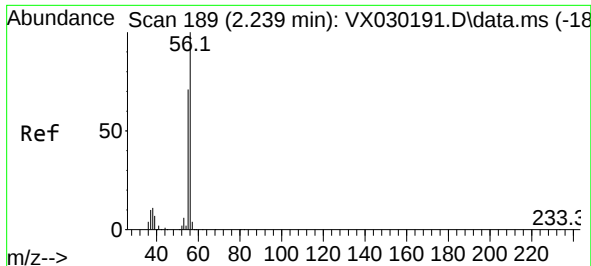
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.636 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 59 Resp: 3086
Ion Ratio Lower Upper
59 100
57 5.6 7.4 11.2#

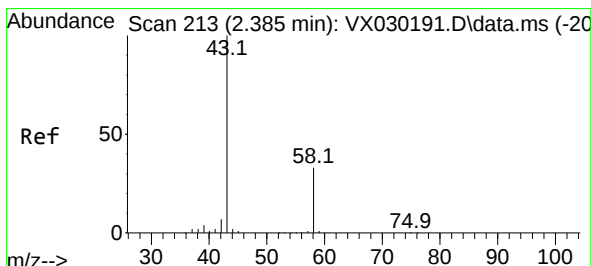
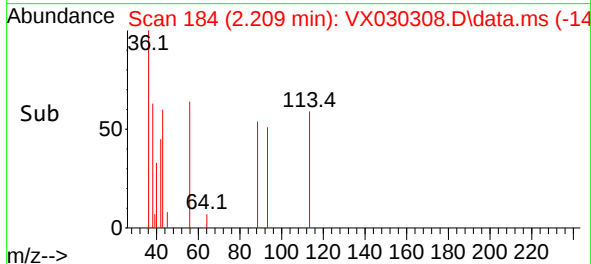
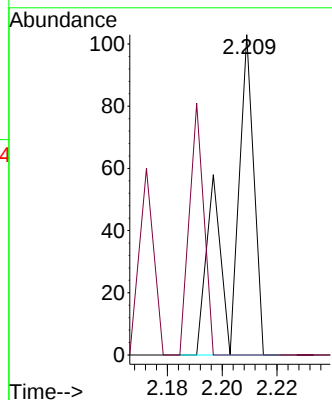
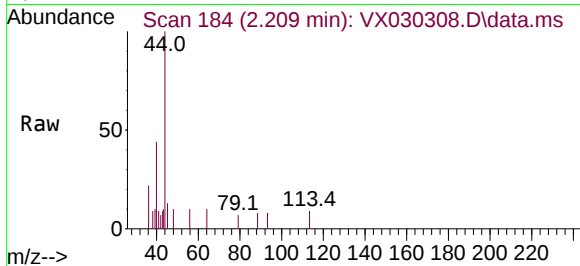




#13
Acrolein
Concen: 0.361 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

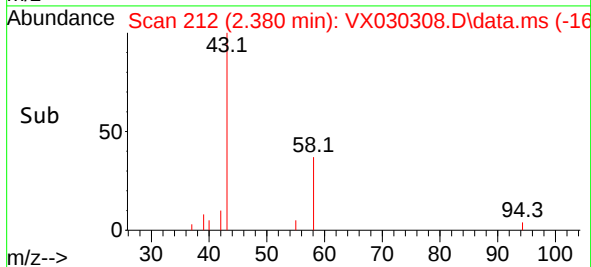
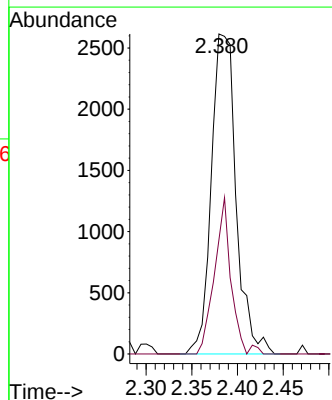
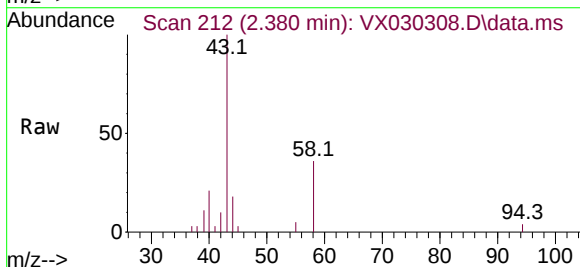
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

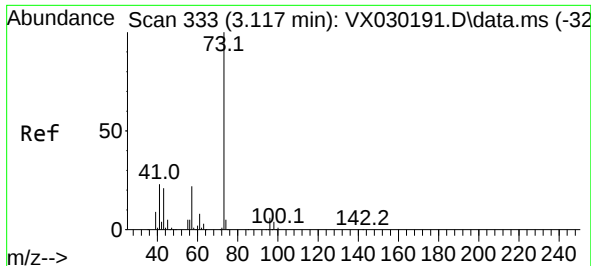
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 50.8 56.6 84.8#



#16
Acetone
Concen: 3.536 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 43 Resp: 4940
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5

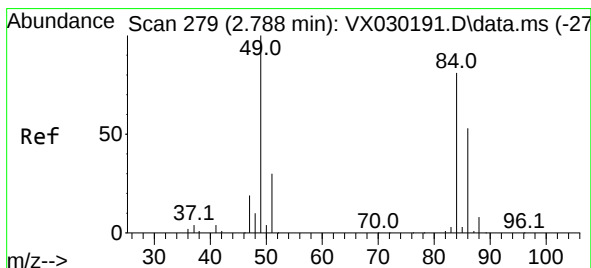
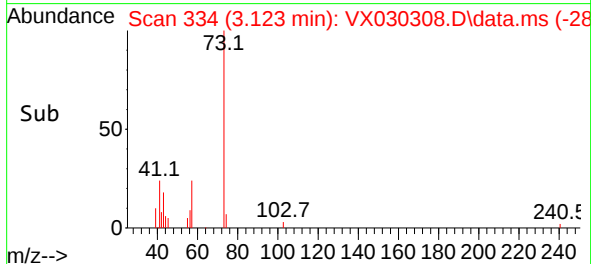
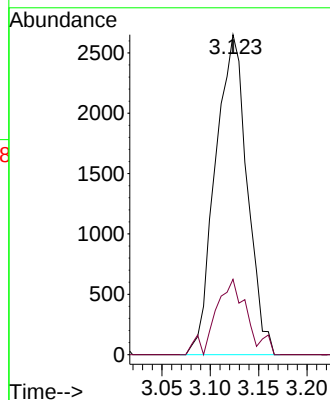
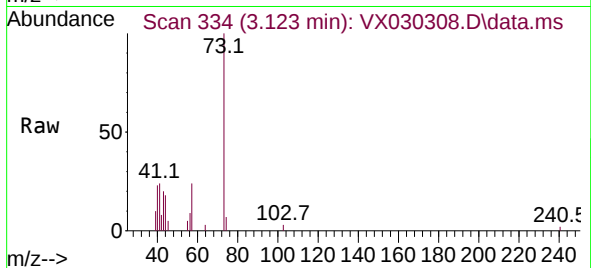




#19
Methyl tert-butyl Ether
Concen: 0.836 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

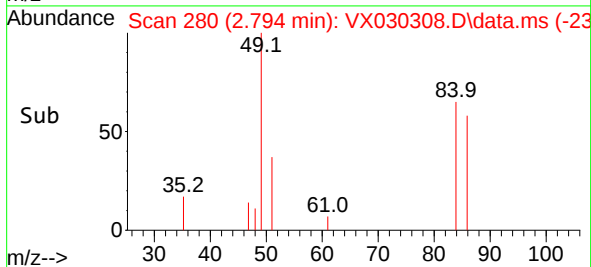
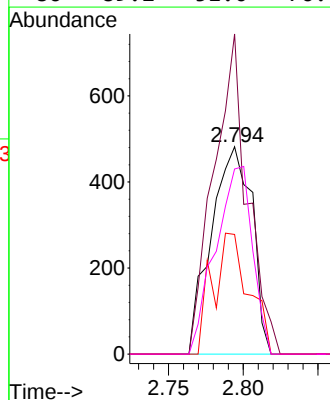
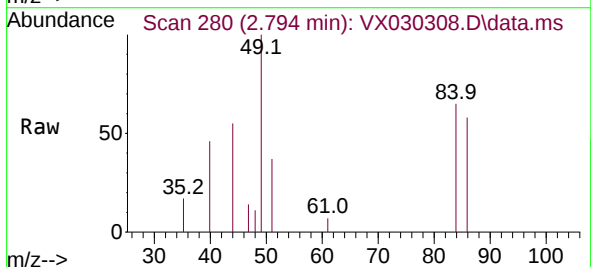
Instrument :
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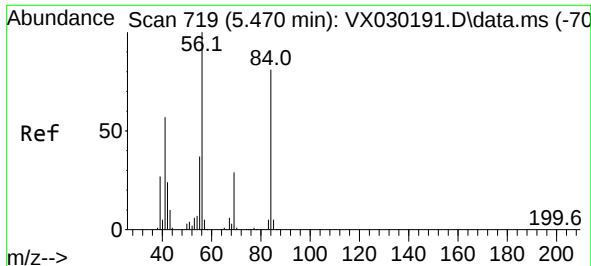
Tgt Ion: 73 Resp: 6072
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 84 Resp: 915
Ion Ratio Lower Upper
84 100
49 154.4 93.8 140.6#
51 57.7 29.4 44.0#
86 89.2 51.0 76.4#

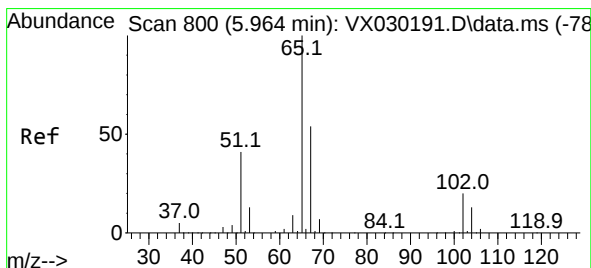
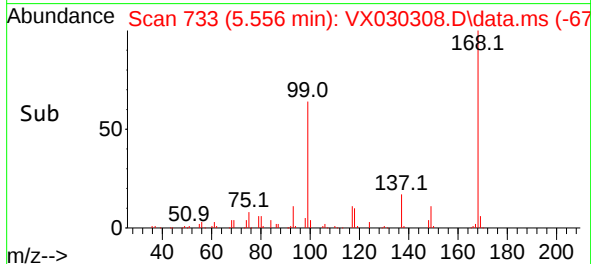
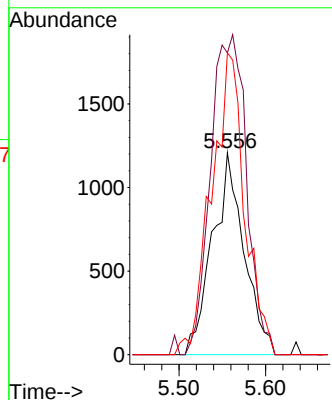
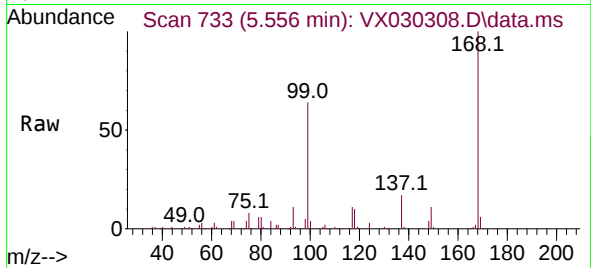




#31
Cyclohexane
Concen: 0.772 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

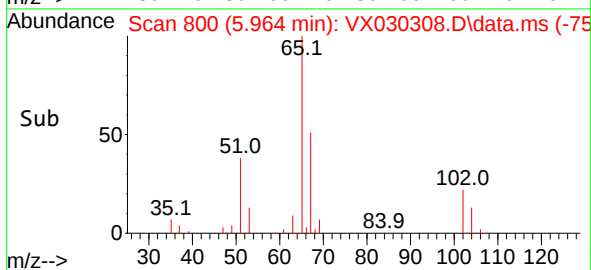
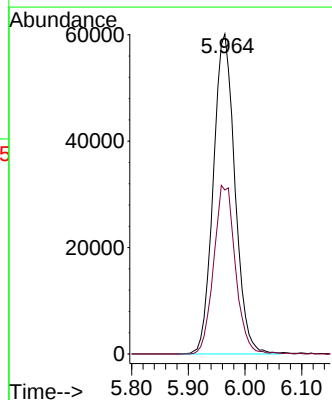
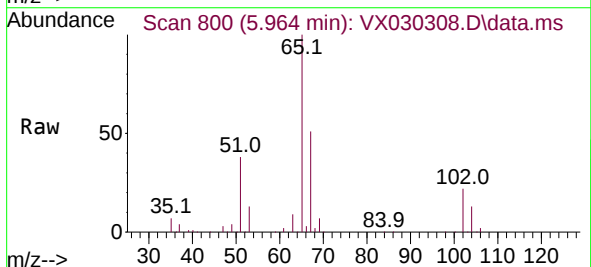
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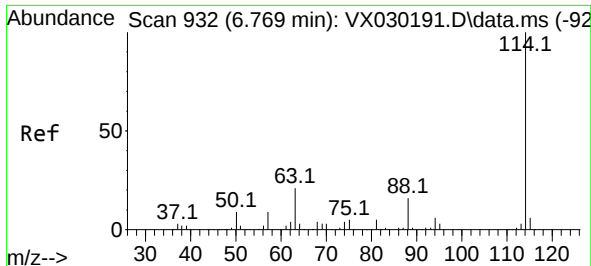
Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 149.4 25.4 38.0#
84 149.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 58.263 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 65 Resp: 158991
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

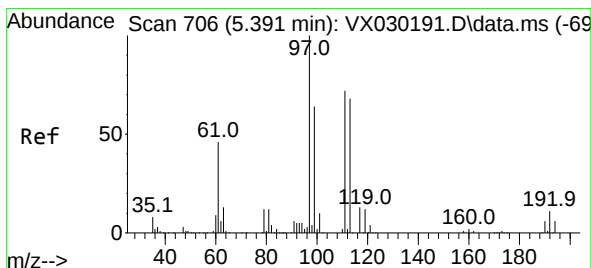
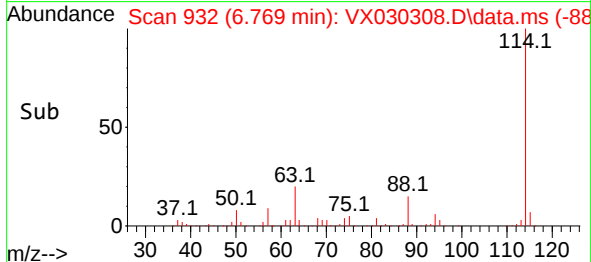
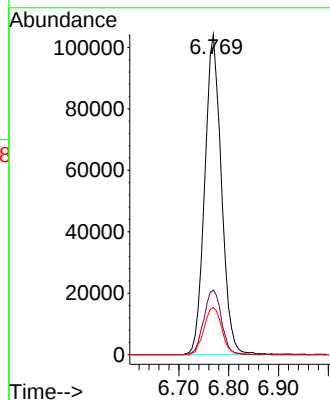
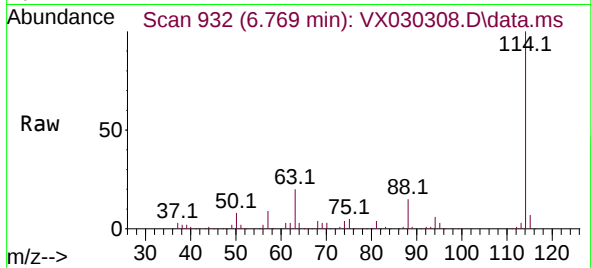




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

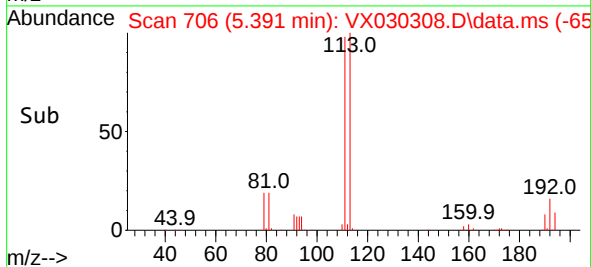
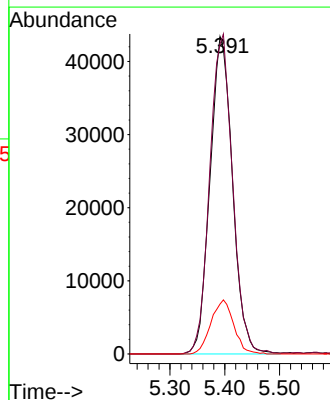
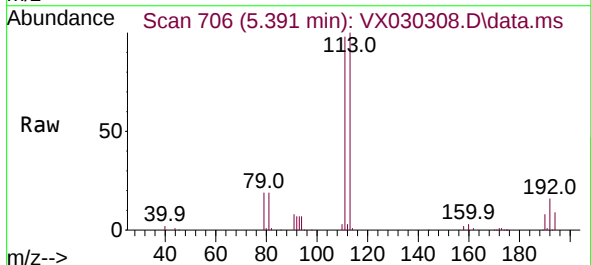
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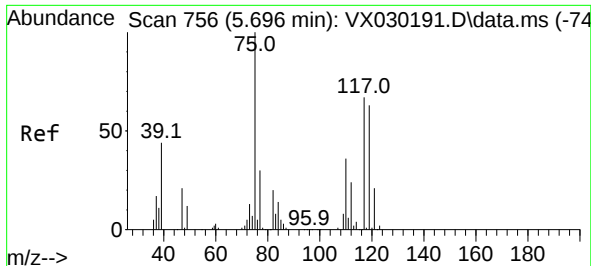
Tgt Ion:114 Resp: 242107
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.416 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion:113 Resp: 123626
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.3 14.8 22.2

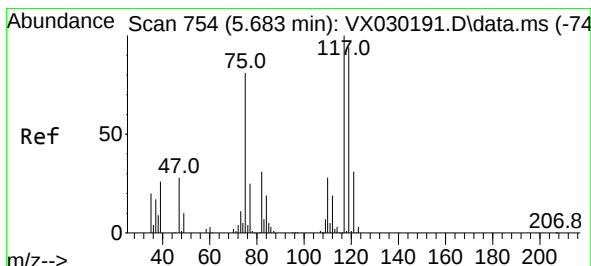
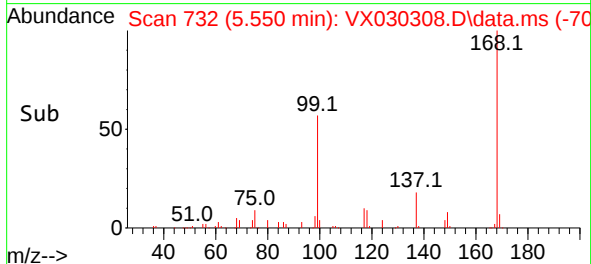
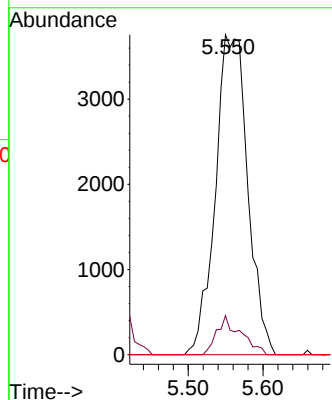
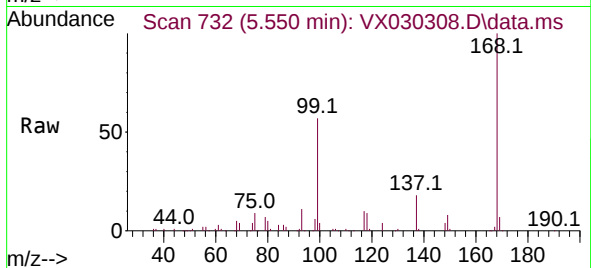




#36
1,1-Dichloropropene
Concen: 3.387 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

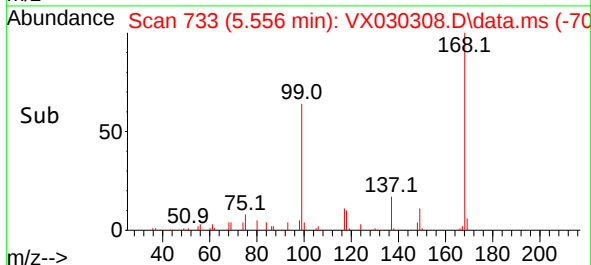
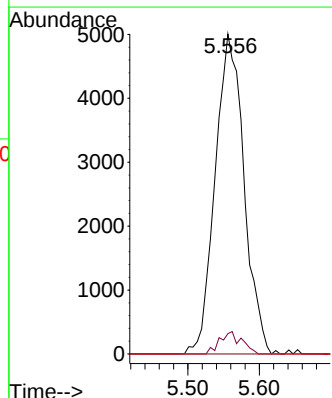
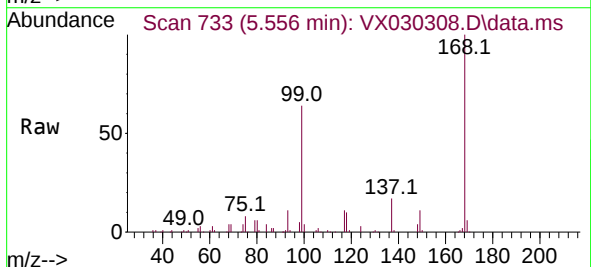
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

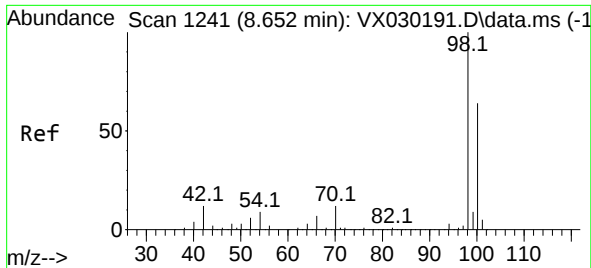
Tgt Ion: 75 Resp: 11280
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.512 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 117 Resp: 14029
Ion Ratio Lower Upper
117 100
119 6.4 74.1 111.1#
121 0.0 25.8 38.8#

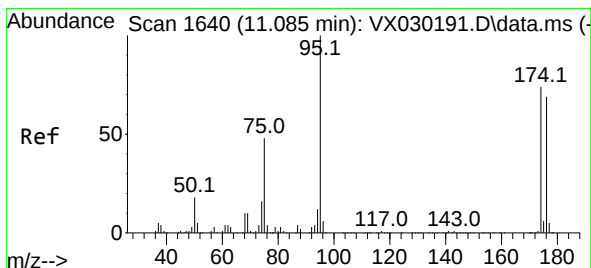
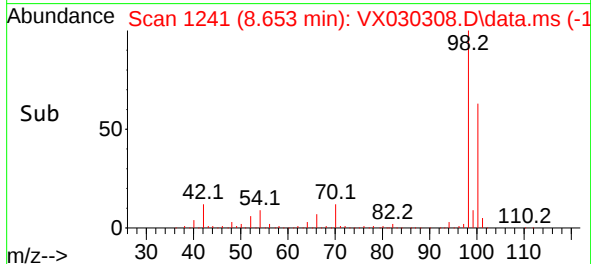
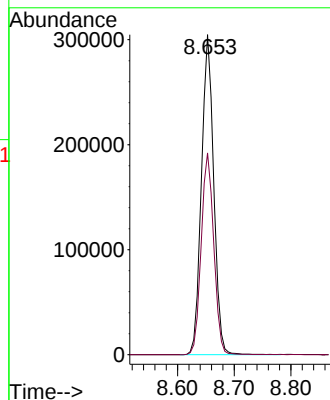
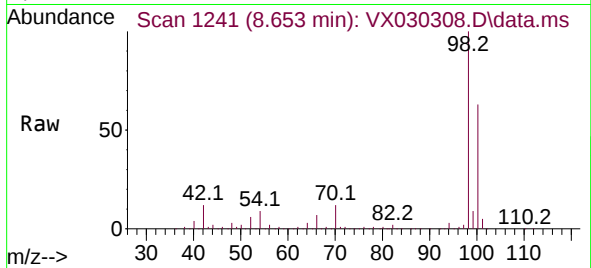




#50
Toluene-d8
Concen: 51.170 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

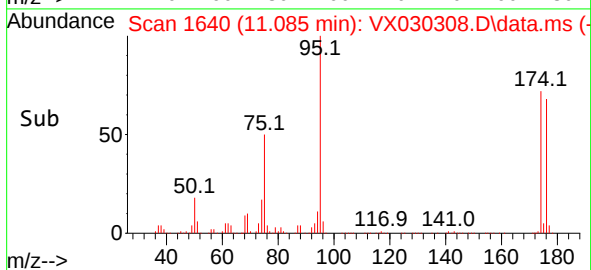
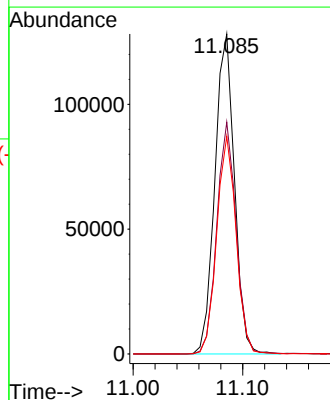
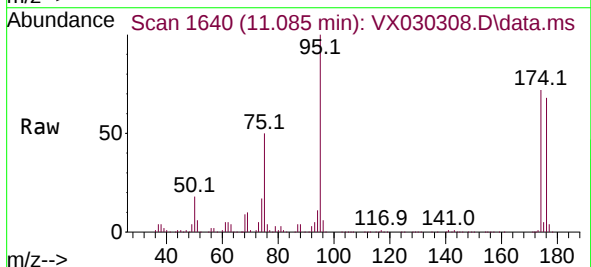
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

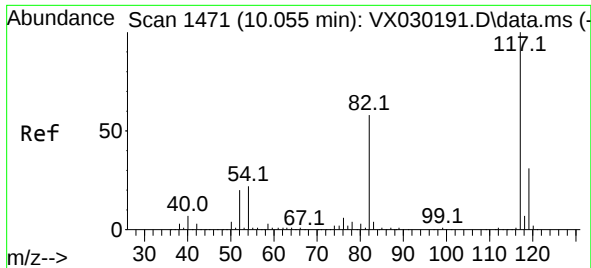
Tgt Ion: 98 Resp: 458632
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 95 Resp: 159290
Ion Ratio Lower Upper
95 100
174 71.4 0.0 149.0
176 67.4 0.0 146.0

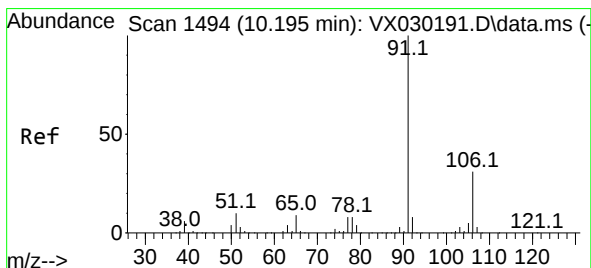
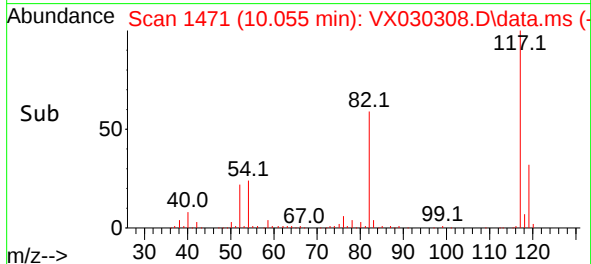
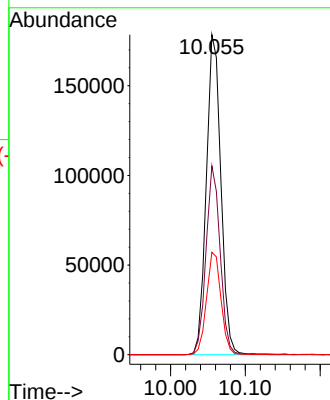
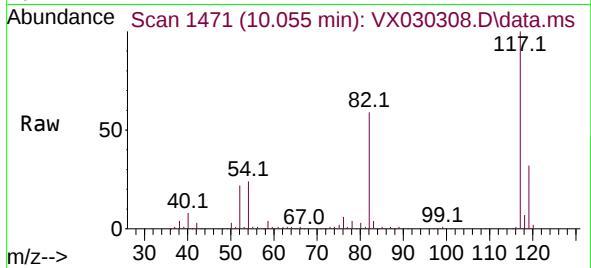




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

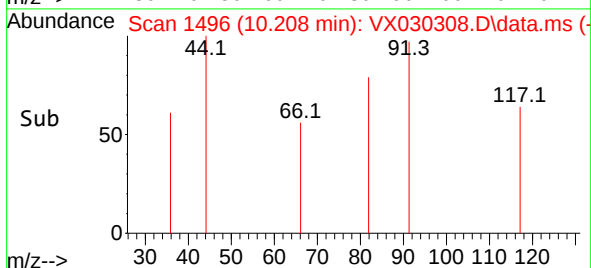
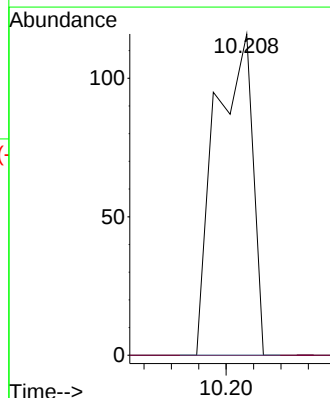
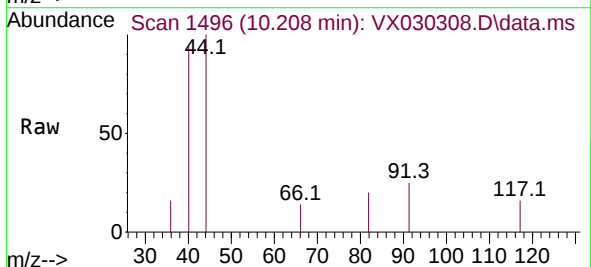
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

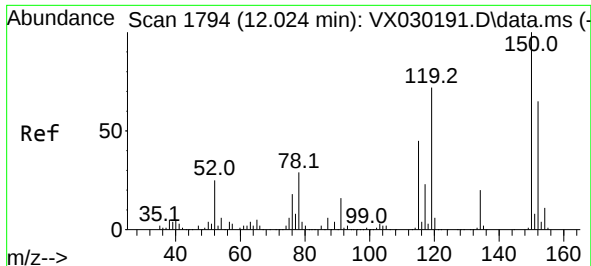
Tgt Ion:117 Resp: 241485
Ion Ratio Lower Upper
117 100
82 59.0 42.7 64.1
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.208 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX030308.D
Acq: 29 Jul 2022 17:19

Tgt Ion: 91 Resp: 109
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

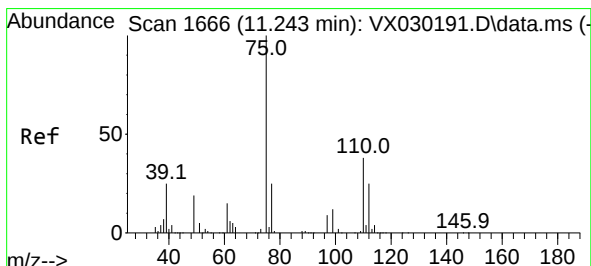
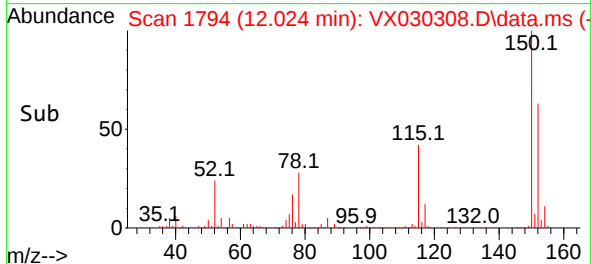
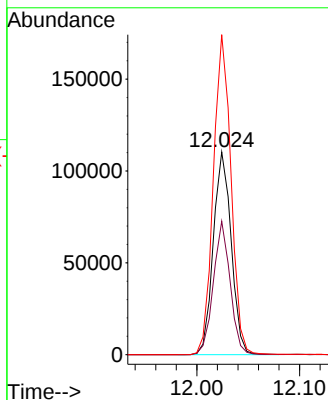
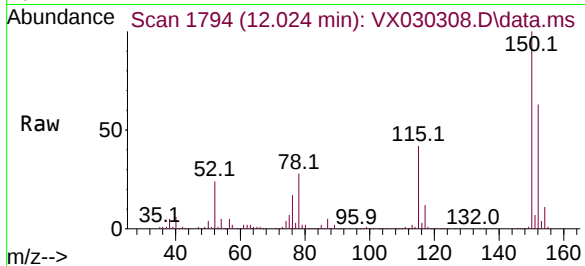




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030308.D
 Acq: 29 Jul 2022 17:19

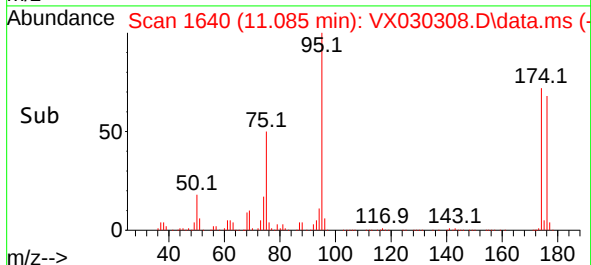
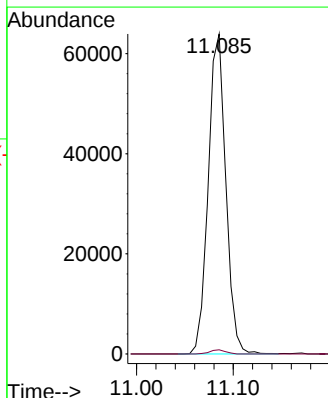
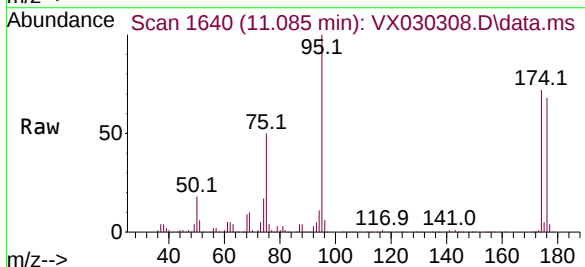
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

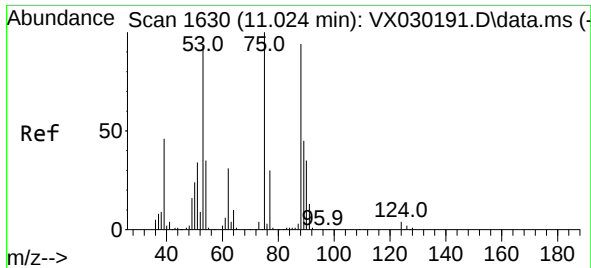
Tgt Ion:152 Resp: 133080
 Ion Ratio Lower Upper
 152 100
 115 61.9 40.5 121.5
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.967 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030308.D
 Acq: 29 Jul 2022 17:19

Tgt Ion: 75 Resp: 80568
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.901 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030308.D
 Acq: 29 Jul 2022 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

Tgt Ion: 75 Resp: 80568
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

